



IMEX THIN FILM SOLAR PANEL

IMEX THIN FILM SOLAR MODULE ADVANTAGES



- **EXCELLENT POWER GENERATION PERFORMANCE**

Thin film modules have a high efficiency and proven record on power generation performance.

- **EXCELLENT LOW-IRRADIANCE EFFECT**

Thin film is a direct-band-gap material with high absorption for the full spectrum. Under low-light condition, such as dawn, dusk of a day or diffuse lighting, the power generation performance of thin film solar modules has been proven to be higher than that of other types of solar modules.

- **GOOD STABILITY**

No intrinsic light-induced degradation effects

- **LOW HOT SPOT EFFECT**

The elongated cells of thin film modules help to reduce the hot spot effect of the module, which leads to better power generation capacity, ensuring the safety in usage and product life.

- **AESTHETIC APPEARANCE**

Thin film modules are black and have an excellent appearance.

Best on buildings that have higher standards on appearance, unity and energy-independence.

ASP-S1-85



Front



Back

IMEX STANDARD THIN FILM MODULE

Module Dimension	Weight
L1200*W600*D6.8mm	11.8kg
Specification	ASP-S1-85
Nominal Power (Pm)	85W
Open Circuit Voltage (Voc)	120.5V
Short Circuit Current (Isc)	0.98A
Voltage at Max. Power (Vm)	96.6V
Current at Max.Power (Im)	0.88A

Warranty		
Power Output	25 years power output guarantee for 90% of nominal output during first 10 years and 80% over 25 years.	
Materials and Workmanship	10 years	
Temperature Coefficients		
Pm=0.214 % / °C	Voc=0.321 % / °C	Isc=0.060 % / °C

Tested under STC:1000w/m², AM1.5, 25°C

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